

## POLYMER-GRAFTED STRETCHABLE COTTON

### ABSTRACT

5           A solution for forming a graft substrate containing a graft initiator, a catalyst  
for activating the graft initiator, a polymerizable silicon softener, and at least one additional  
prepolymer, each of the softener and the prepolymer which includes a functional group for  
reaction with an activated site on the substrate for grafting thereto and water. The treated  
fiber exhibits excellent crockfastness, color fastness, and abrasion resistance, strength, and  
10 has a soft hand.

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